

wherein the one or more flexible mat components are of a thickness of approximately $\frac{1}{10}$ " to approximately 1" and weigh approximately 10 ounces to approximately 45 ounces per square yard,

wherein the single ply waterproof roofing membrane is placed over the one or more flexible mat components and adhered indirectly to the roof deck via the one or more flexible mat components, and wherein the waterproof roofing membrane is incompatible with asphalt.

22. The roofing system of claim **21** wherein the one or more flexible mat components separate the roof deck and the single ply membrane such that the roof deck does not contact the single ply membrane, and wherein upon placement on the roof the one or more flexible mat components cover the entirety of the roof deck.

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